1 I CLAIM:

2 1. A patient-controlled electronic medical record system comprising:

3 a medical information server connected to a network;

4 a medical information database connected to the medical information server;

5 a plurality of patient medical records stored on the medical information database;

6 a plurality of medical provider computers connected to the network and having software

7 to communicate with the medical information server;

8 means for patients to allow medical provider computers to access patient-selected

9 portions of the patient's medical record for viewing and adding to the patient's medical record;

10 and

11 means for patients to access all portions of their medical record using browser software

12 on a computer connected to the network.

13 2. The patient-controlled electronic medical record system of claim 1, wherein the medical

14 information server includes software means for formatting patient-selected medical data

15 from their medical record for viewing by patients.

16 3. The patient-controlled electronic medical record system of claim 1, wherein the medical

17 information server includes software means for generating medical reminders to patients.

18 4. The patient-controlled electronic medical record system of claim 3, wherein the medical

19 reminders are transmitted by a medium selected from the group consisting of electronic

20 mail, facsimile transmission, telephone, telephonic text messaging, pager, and mail.

21 5. The patient-controlled electronic medical record system of claim 1, wherein the medical

22 provider computer software is a browser client.

1   6.   The patient-controlled electronic medical record system of claim 1, wherein the network

2   is a public network.

3   7.   The patient-controlled electronic medical record system of claim 6, wherein the public

4   network is the Internet.

5   8.   The patient-controlled electronic medical record system of claim 1, wherein the means for

6   patients to allow medical provider computers to access patient-selected portions of the

7   patient's medical record for viewing and adding to the patient's medical record is a

8   patient-supplied unique access identification means.

9   9.   The patient-controlled electronic medical record system of claim 8, wherein the patient-

10   supplied unique access identification means is selected from the group consisting of

11   alpha-numeric passphrases, smart cards, biometric samples, bar coded cards, and bar

12   coded bracelets.

13   10.   The patient-controlled electronic medical record system of claim 1, wherein the server

14   includes software to check patients' written and filled prescriptions for interactions,

15   allergies, age-dosage suitability, weight-dosage suitability, and sex-appropriateness.

16   11.   The patient-controlled electronic medical record system of claim 1, wherein the server

17   includes software to track medical provider inventories.

18   12.   The patient-controlled electronic medical record system of claim 11, wherein the server

19   further includes software to produce inventory reports for medical providers.

20   13.   The patient-controlled electronic medical record system of claim 11, wherein the server

21   further includes software to automatically reorder depleted inventory items for medical

22   providers.

1   14.   The patient-controlled electronic medical record system of claim 1, wherein the server

2   includes software to schedule patient appointments.

3   15.   The patient-controlled electronic medical record system of claim 14, wherein the server

4   further includes software and interface means to notify patients with reminders or

5   adjustments of scheduled appointments by means selected from the group consisting of

6   telephone voice messaging, facsimile, wireless text messaging, e-mail, and mail.

7   16.   The patient-controlled electronic medical record system of claim 1, wherein the server

8   includes software to track patient medical costs.

9   17.   The patient-controlled electronic medical record system of claim 1, wherein the server

10   includes software to anonymously identify appropriate patients or anonymously extract

11   appropriate data for medical research requests.

12   18.   The patient-controlled electronic medical record system of claim 1, wherein the server

13   includes software to respond to patient-preauthorized requests from third parties to

14   electronically transmit medical record information to a remote location.

15   19.   A method for patient control of an electronic medical record comprising:

16   connecting a medical information server to a network;

17   connecting a medical information database to the medical information server;

18   storing a plurality of patient medical records on the medical information database;

19   connecting a plurality of medical provider computers to the network wherein said medical

20   provider computers include software to communicate with the medical information server;

21   providing patients with means to allow medical provider computers to access patient-

22   selected portions of the patient's medical record for viewing and adding to the patient's medical

1   record; and

2   providing patients means for accessing all portions of their medical record using browser

3   software on a computer connected to the network.

4   20.   The method for patient control of an electronic medical record of claim 19, wherein

5   medical information server software formats patient-selected medical data from their

6   medical record for viewing by patients.

7   21.   The method for patient control of an electronic medical record of claim 19, wherein the

8   medical information server software generates medical reminders to patients.

9   22.   The method for patient control of an electronic medical record of claim 21, wherein the

10   medical reminders are transmitted by a medium selected from the group consisting of

11   electronic mail, facsimile transmission, telephone, telephonic text messaging, pager, and

12   mail.

13   23.   The method for patient control of an electronic medical record of claim 19, wherein the

14   medical provider computers use a browser client to interact with the medical information

15   server.

16   24.   The method for patient control of an electronic medical record of claim 19, wherein the

17   network used is a public network.

18   25.   The method for patient control of an electronic medical record of claim 24, wherein the

19   public network used is the Internet.

20   26.   The method for patient control of an electronic medical record of claim 19, wherein

21   providing patients with means to allow medical provider computers to access patient-

22   selected portions of the patient's medical record for viewing and adding to the patient's

1   medical record uses a patient-supplied unique access identification means.

2   27.   The method for patient control of an electronic medical record of claim 26, wherein the

3   patient-supplied unique access identification means used is selected from the group

4   consisting of alpha-numeric passphrases, smart cards, biometric samples, bar coded cards,

5   and bar coded bracelets.

6   28.   The method for patient control of an electronic medical record of claim 19, wherein the

7   server software checks patients' written and filled prescriptions for interactions, allergies,

8   age-dosage suitability, weight-dosage suitability, and sex-appropriateness.

9   29.   The method for patient control of an electronic medical record of claim 19, wherein the

10   server software to tracks medical provider inventories.

11   30.   The method for patient control of an electronic medical record of claim 29, wherein the

12   server software produces inventory reports for medical providers.

13   31.   The method for patient control of an electronic medical record of claim 29, wherein the

14   server software automatically reorders depleted inventory items for medical providers.

15   32.   The method for patient control of an electronic medical record of claim 19, wherein the

16   server software operates to schedule patient appointments.

17   33.   The method for patient control of an electronic medical record of claim 32, wherein the

18   server software further operates with interface means to notify patients with reminders or

19   adjustments of scheduled appointments by means selected from the group consisting of

20   telephone voice messaging, facsimile, wireless text messaging, e-mail, and mail.

21   34.   The method for patient control of an electronic medical record of claim 19, wherein the

22   server software tracks patient medical costs.

1   35.   The method for patient control of an electronic medical record of claim 19, wherein the

2   server software to anonymously identifies appropriate patients or anonymously extracts

3   appropriate data for medical research requests.

4   36.   The method for patient control of an electronic medical record of claim 19, wherein the

5   server software responds to patient-preauthorized requests from third parties to

6   electronically transmit medical record information to a remote location.

7   37.   The patient-controlled electronic medical record system of claim 1, further comprising

8   means for transferring hard copy medical record information into an electronic format for

9   storage in the medical information database.

10   38.   The method for patient control of an electronic medical record of claim 19, further

11   comprising transferring hard copy medical record information into an electronic format

12   for storage in the medical information database.

13   39.   The patient-controlled electronic medical record system of claim 1, further comprising

14   means for collecting and transferring patient medical record information from other

15   sources in an electronic format for storage in the medical information database.

16   40.   The method for patient control of an electronic medical record of claim 19, further

17   comprising collecting and transferring patient medical record information from other

18   sources in an electronic format for storage in the medical information database.

19   41.   The patient-controlled electronic medical record system of claim 39, further comprising

20   means for auditing the patient medical record information from other sources and

21   correcting the patient medical record information from other sources as needed.

22   42.   The method for patient control of an electronic medical record of claim 40, further

1   comprising auditing the patient medical record information from other sources and

2   correcting the patient medical record information from other sources as needed.

3   43.   The patient-controlled electronic medical record system of claim 1, further comprising

4   means for transferring a complete patient medical record from the medical information

5   database to a medical provider for temporary offline use.

6   44.   The method for patient control of an electronic medical record of claim 19, further

7   comprising transferring a complete patient medical record from the medical information

8   database to a medical provider for temporary offline use.

9   45.   The patient-controlled electronic medical record system of claim 1, wherein medical

10   provider software is an e-mail client and means for sending patient medical record

11   information associated with the server responds to an order selected from the group

12   consisting of preauthorized events, patient requests, and medical provider requests sent to

13   an autoresponder using patient supplied information.

14   46.   The method for patient control of an electronic medical record of claim 19, wherein

15   medical provider software is an e-mail client and patient medical record information is

16   sent in response to an order selected from the group consisting of preauthorized events,

17   patient requests, and medical provider requests to an autoresponder using patient supplied

18   information.